

ABSTRACT OF THE DISCLOSURE

In a spread-spectrum signal receiver apparatus for receiving a spread-spectrum signal and demodulating transmit data from the signal, a receiver receives a
5 spread-spectrum signal that has been spread by a spreading code comprising a combination of a first code that varies depending upon spreading factor and a second code that differs for every user, an interference canceller produces a replica of an interference signal
10 from the receive signal using a despreading code comprising a combination of the first code, which is regarded as a code decided based upon a minimum spreading factor, and the second code that differs for every user, and a receive modulator demodulates transmit
15 data from a signal obtained by subtracting the replica from the receive signal.